

## Recombinant Rat Sirt7 protein, His-tagged

**Cat. No.** Sirt7-1383R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Sirt7 aa. (Pro135~Val274 (Accession # B2RZ55) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Pro135~Val274
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	18kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 7.0.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

Sirt7 sirtuin 7 [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

Sirt7

**Synonyms**

Sirt7; sirtuin 7; NAD-dependent protein deacetylase sirtuin-7; NAD-dependent deacetylase sirtuin-7; SIR2-like protein 7; regulatory protein SIR2 homolog 7

**Gene ID**

303745

**mRNA Refseq**

NM\_001107073.1

**Protein Refseq**

NP\_001100543.1

**UniProt ID**

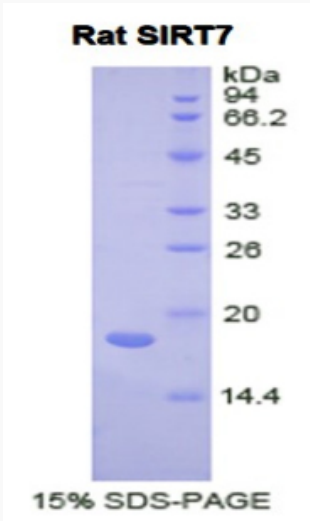
B2RZ55

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SDS-PAGE



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